

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042950.D
 Acq On : 06 Apr 2021 13:31
 Operator : SY/MD
 Sample : M1926-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:41:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

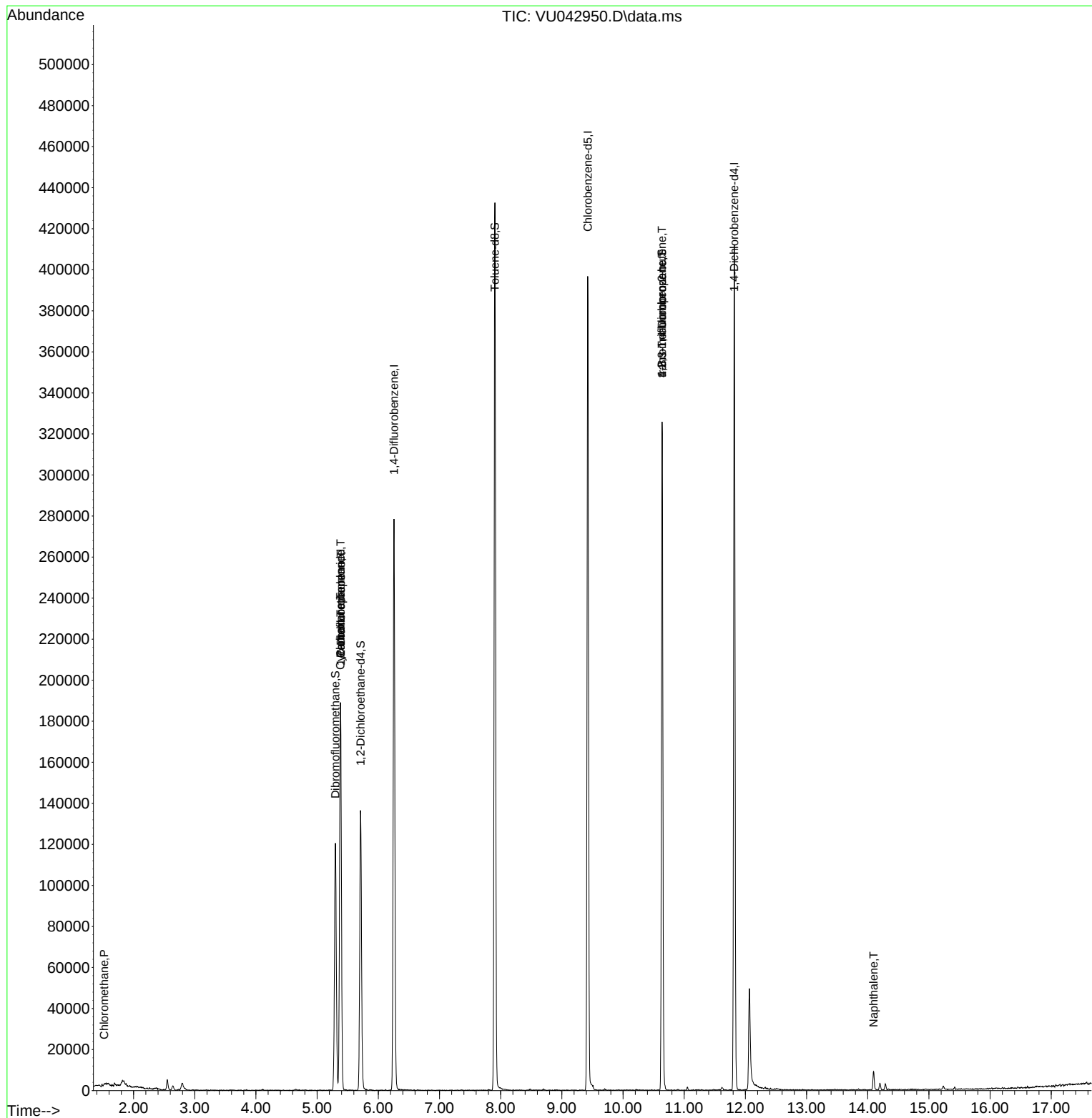
Internal Standards						
1) Pentafluorobenzene	5.382	168	131438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	207106	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	201462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	100108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	104746	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	5.298	113	73526	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	7.906	98	263697	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.639	95	98941	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	427	0.26	ug/l	95
5) Bromomethane	1.858	94	241	Below Cal	#	49
6) Chloroethane	1.938	64	60	Below Cal	#	43
13) Acrolein	2.491	56	19	Below Cal	#	15
16) Acetone	2.642	43	2767	Below Cal		98
31) Cyclohexane	5.379	56	3165	1.21	ug/l #	29
36) 1,1-Dichloropropene	5.385	75	10641	5.19	ug/l #	51
38) Carbon Tetrachloride	5.382	117	12915	5.52	ug/l #	17
76) 1,2,3-Trichloropropane	10.639	75	56403	22.15	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	56403	65.64	ug/l #	6
95) Naphthalene	14.095	128	7890	3.68	ug/l #	96

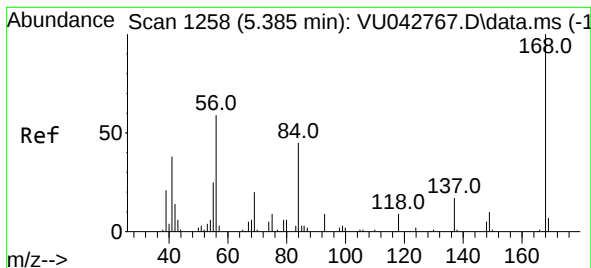
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU042950.D

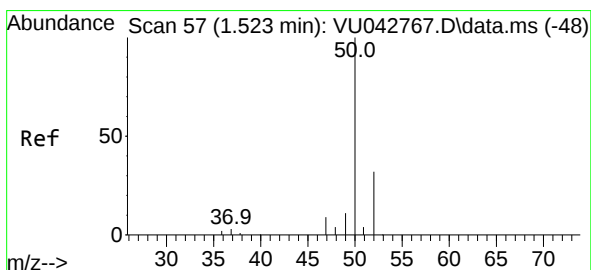
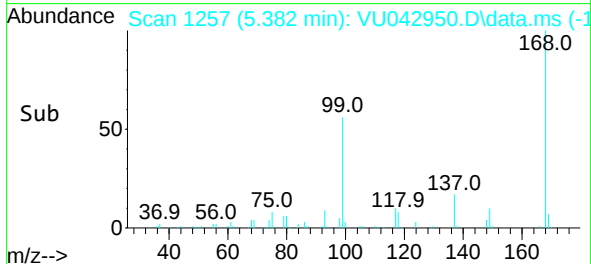
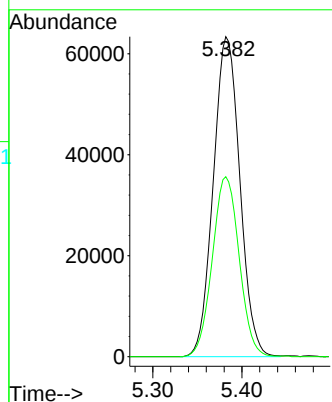
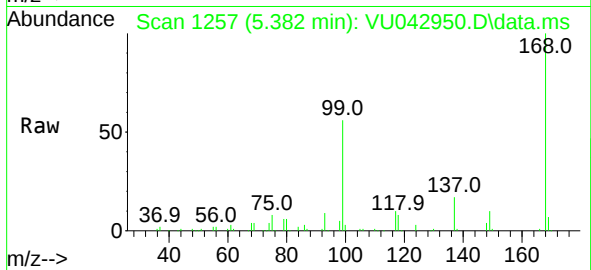
Acq: 06 Apr 2021 13:31

Tgt Ion:168 Resp: 131438

Ion Ratio Lower Upper

168 100

99 56.3 46.4 69.6



#3

Chloromethane

Concen: 0.26 ug/l

RT: 1.520 min Scan# 56

Delta R.T. -0.003 min

Lab File: VU042950.D

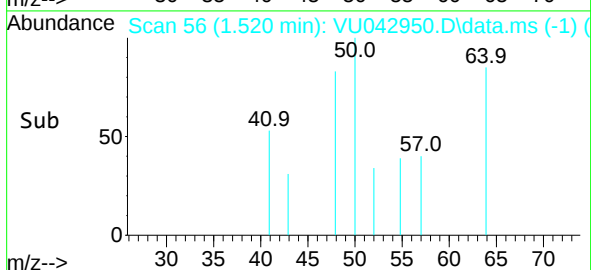
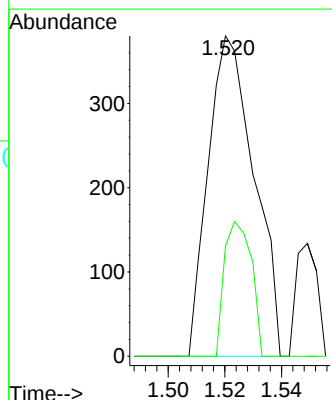
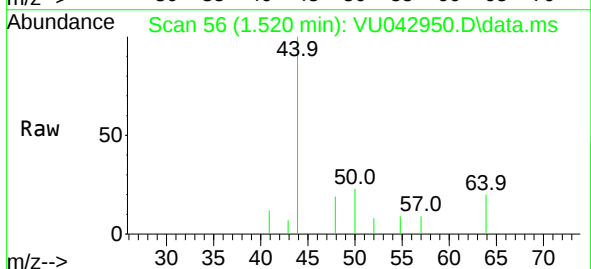
Acq: 06 Apr 2021 13:31

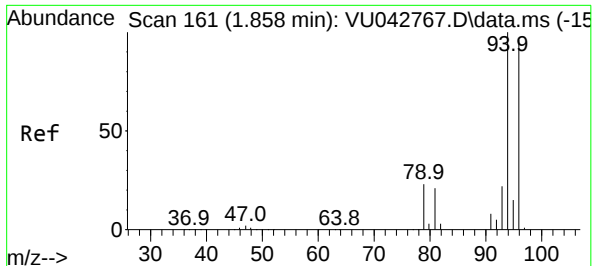
Tgt Ion: 50 Resp: 427

Ion Ratio Lower Upper

50 100

52 34.5 25.4 38.0

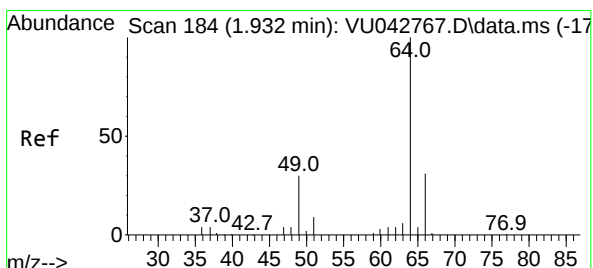
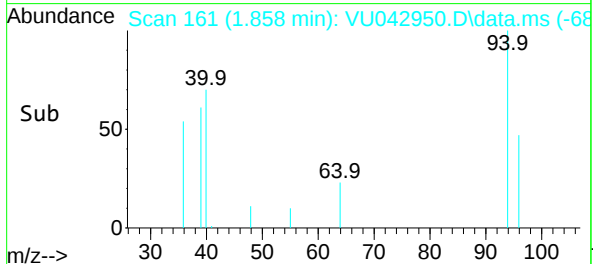
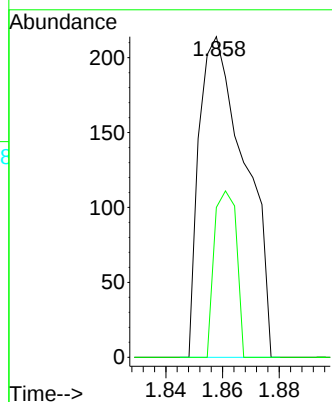
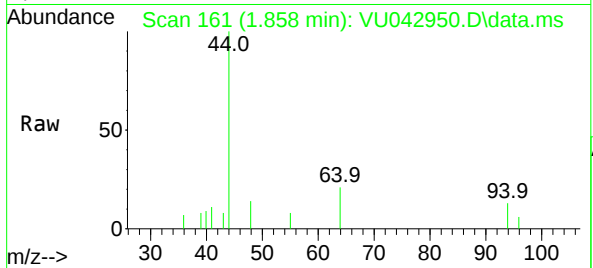




#5
Bromomethane
Concen: Below Cal
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

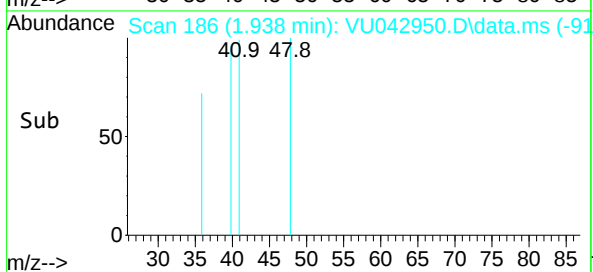
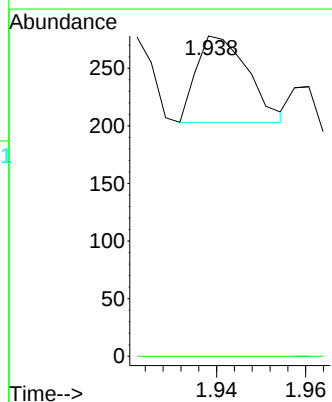
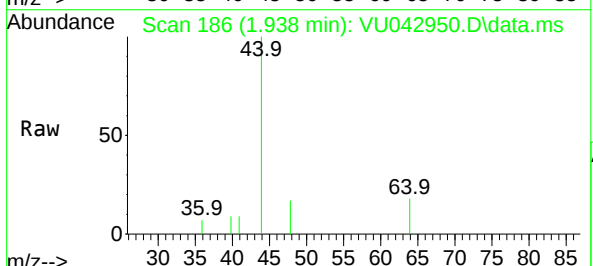
Instrument :
MSVOA_U
ClientSampled :

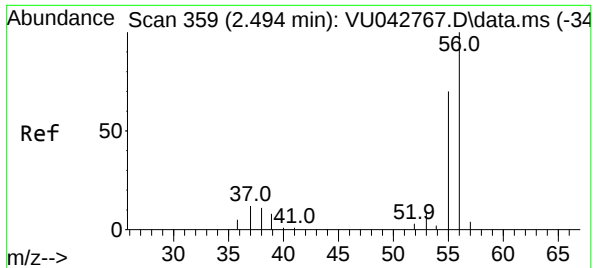
Tgt Ion: 94 Resp: 241
Ion Ratio Lower Upper
94 100
96 46.7 77.1 115.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.938 min Scan# 186
Delta R.T. 0.006 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

Tgt Ion: 64 Resp: 60
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#

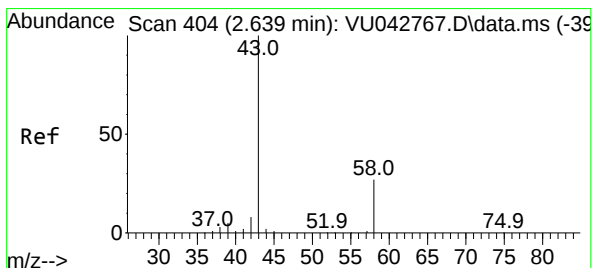
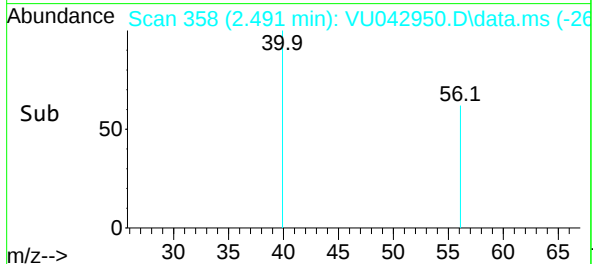
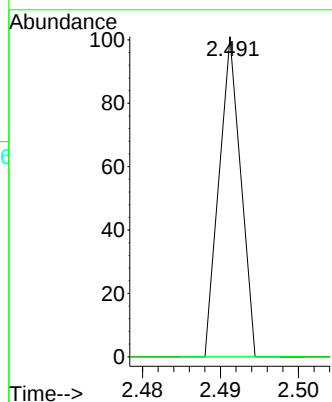
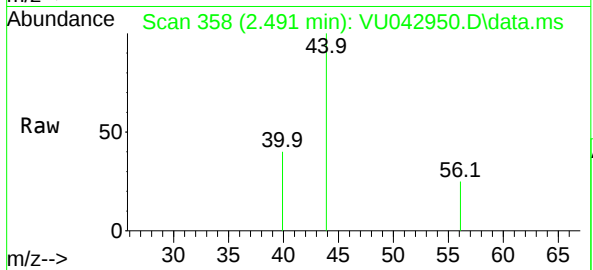




#13
Acrolein
Concen: Below Cal
RT: 2.491 min Scan# 358
Delta R.T. -0.003 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

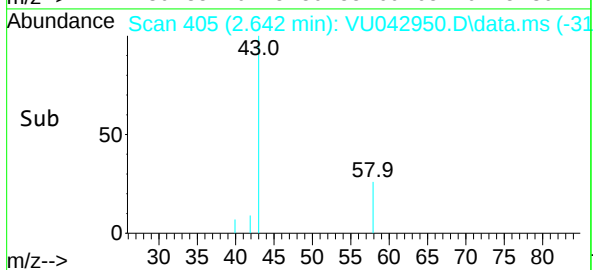
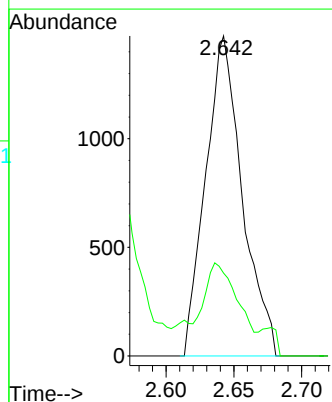
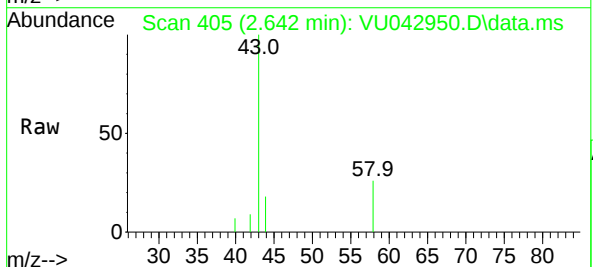
Instrument :
MSVOA_U
ClientSampled :

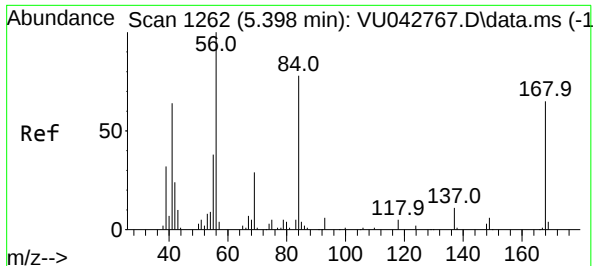
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: Below Cal
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

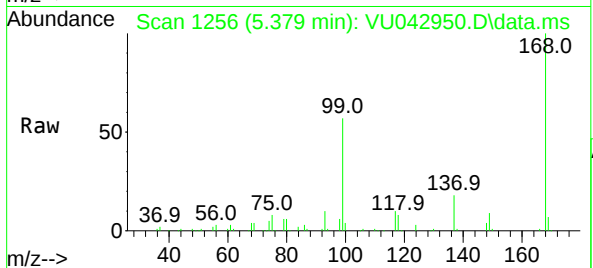
Tgt Ion: 43 Resp: 2767
Ion Ratio Lower Upper
43 100
58 25.9 21.6 32.4



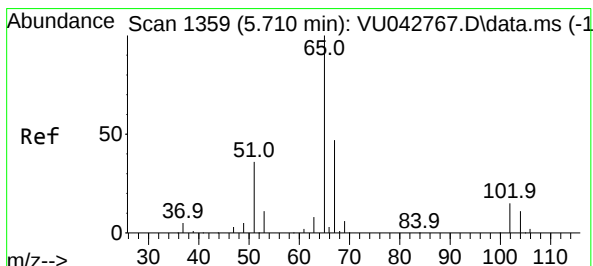
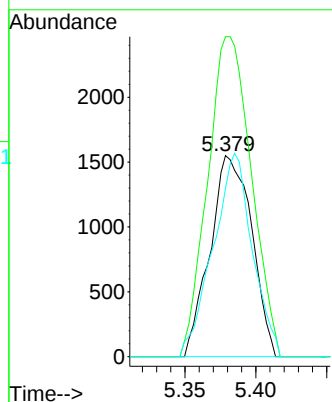
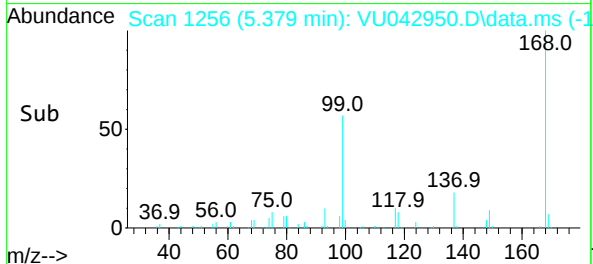


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

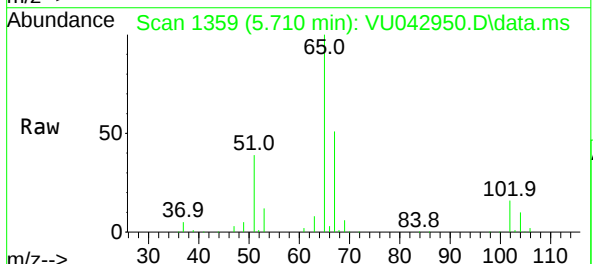
Instrument :
MSVOA_U
ClientSampleId :



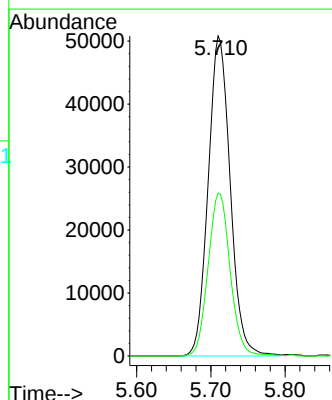
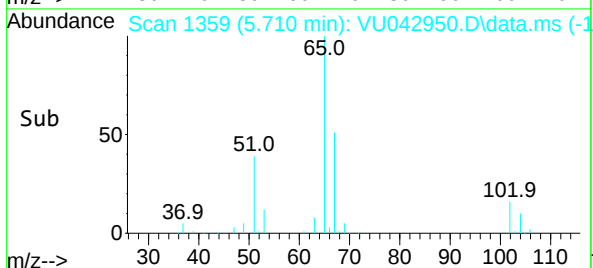
Tgt Ion: 56 Resp: 3165
Ion Ratio Lower Upper
56 100
69 159.1 23.3 34.9#
84 83.6 62.2 93.4

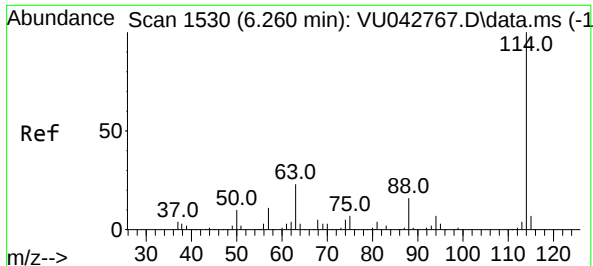


#33
1,2-Dichloroethane-d4
Concen: 49.99 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31



Tgt Ion: 65 Resp: 104746
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.004 min

Lab File: VU042950.D

Acq: 06 Apr 2021 13:31

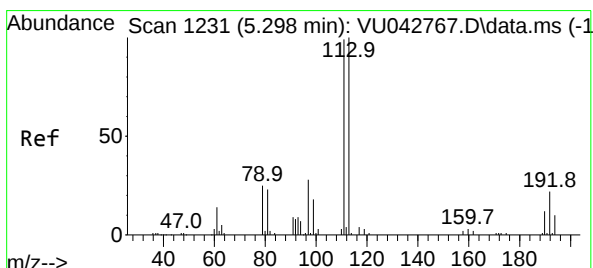
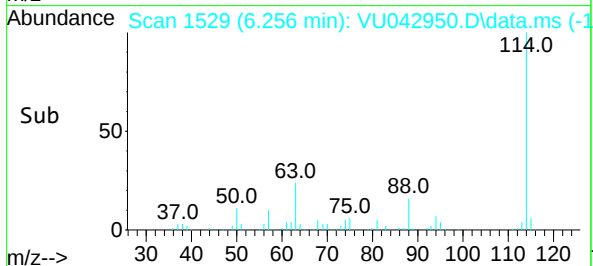
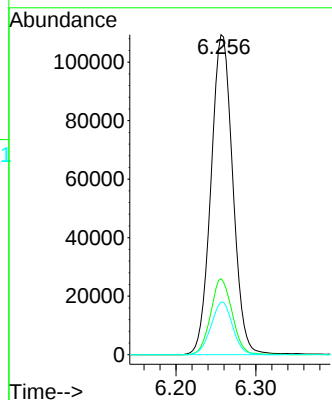
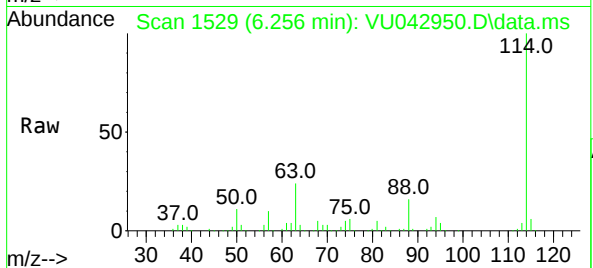
Tgt Ion:114 Resp: 207106

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.8

88 16.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.57 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU042950.D

Acq: 06 Apr 2021 13:31

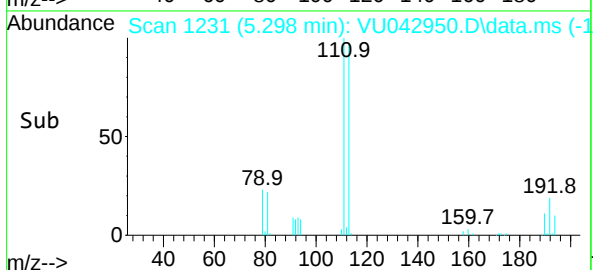
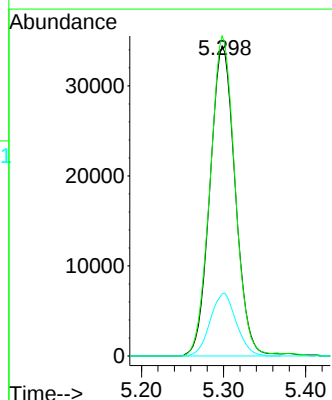
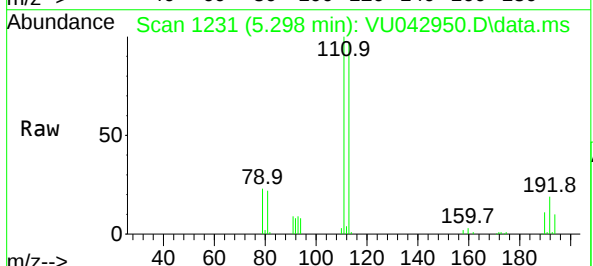
Tgt Ion:113 Resp: 73526

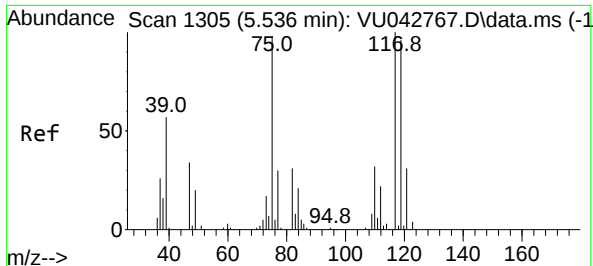
Ion Ratio Lower Upper

113 100

111 102.0 82.1 123.1

192 20.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.19 ug/l

RT: 5.385 min Scan# 1258

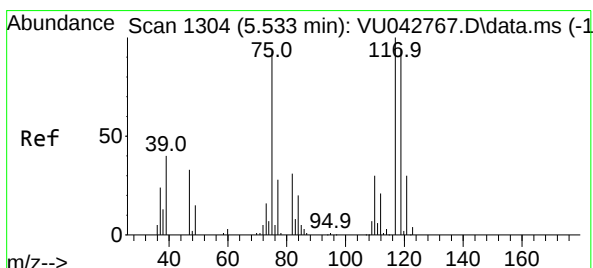
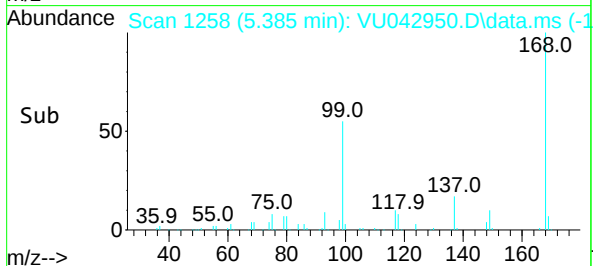
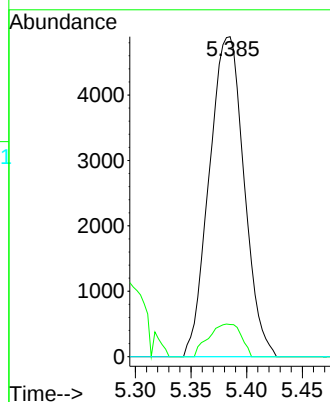
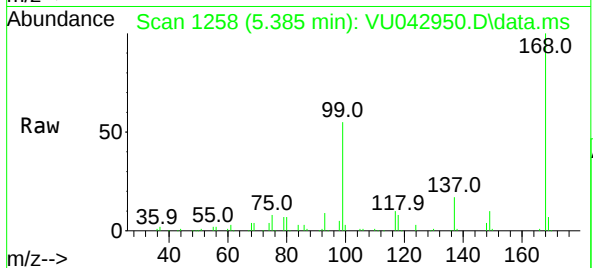
Delta R.T. -0.151 min

Lab File: VU042950.D

Acq: 06 Apr 2021 13:31

Tgt Ion:	75	Resp:	10641
Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.6	49.7#
77	0.0	24.7	37.1#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.52 ug/l

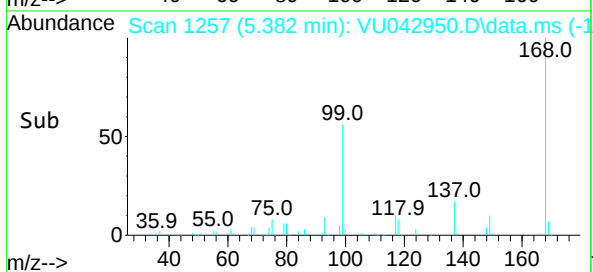
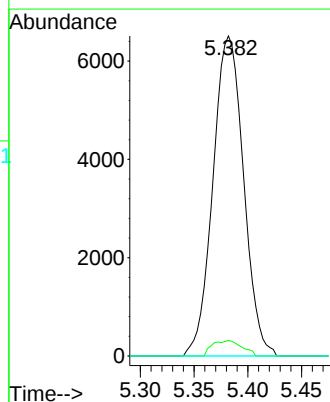
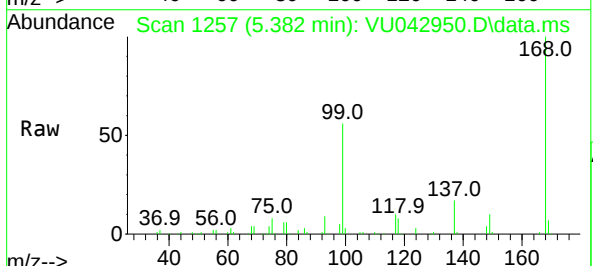
RT: 5.382 min Scan# 1257

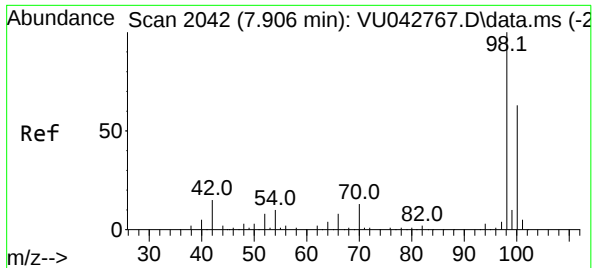
Delta R.T. -0.151 min

Lab File: VU042950.D

Acq: 06 Apr 2021 13:31

Tgt Ion:	117	Resp:	12915
Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.2	112.8#
121	0.0	24.2	36.4#

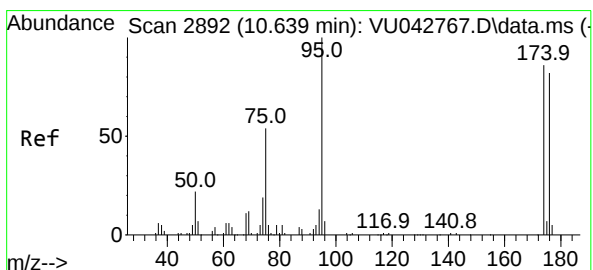
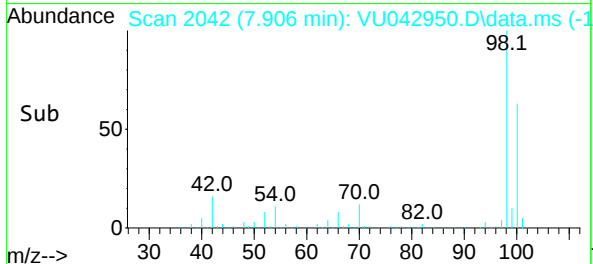
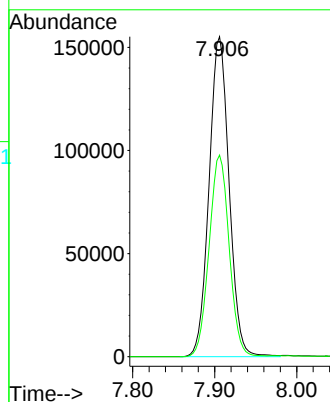
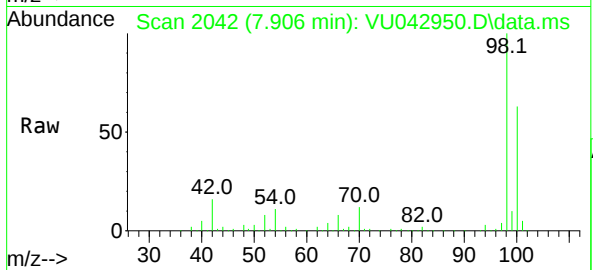




#50
Toluene-d8
Concen: 48.49 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

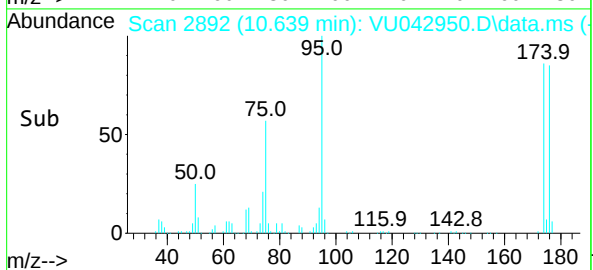
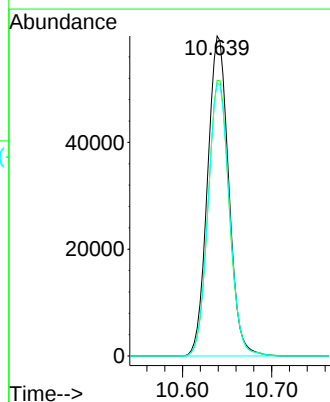
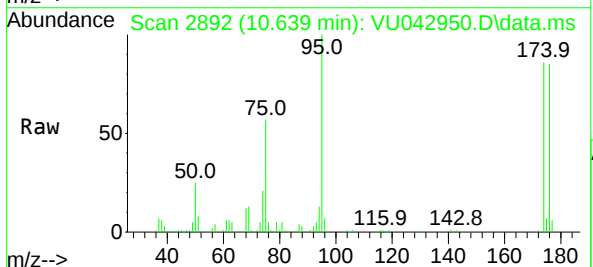
Instrument :
MSVOA_U
ClientSampled :

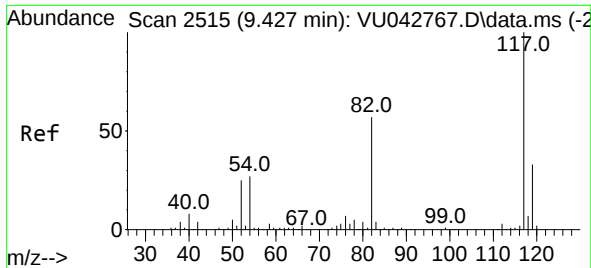
Tgt Ion: 98 Resp: 263697
Ion Ratio Lower Upper
98 100
100 63.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 46.82 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

Tgt Ion: 95 Resp: 98941
Ion Ratio Lower Upper
95 100
174 86.0 0.0 175.2
176 85.9 0.0 167.4

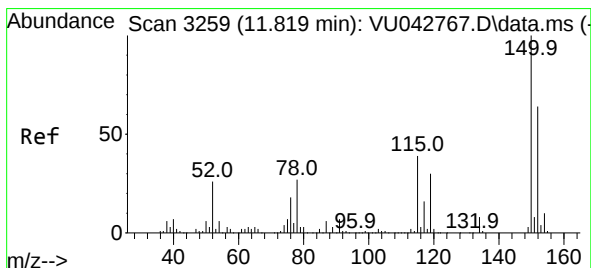
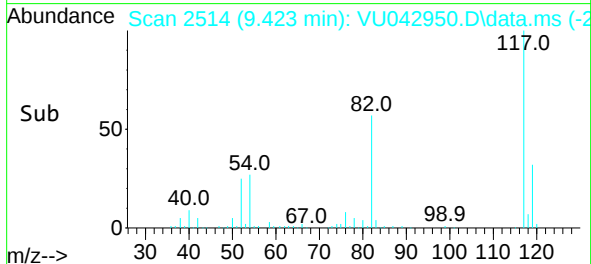
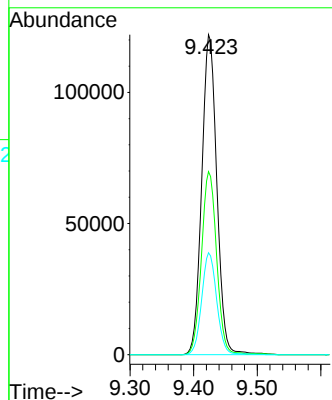
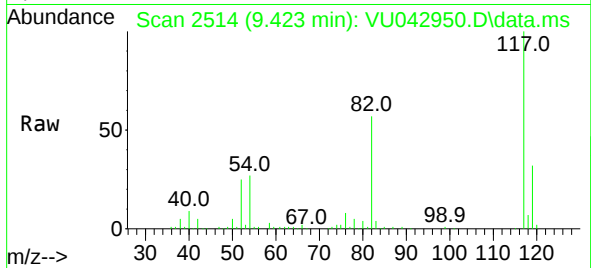




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

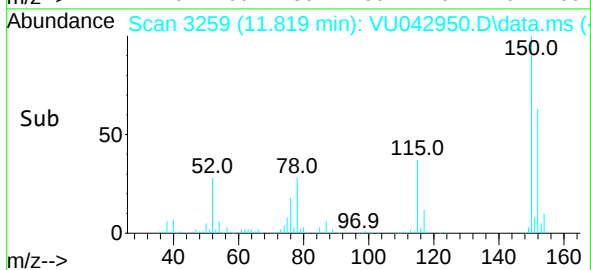
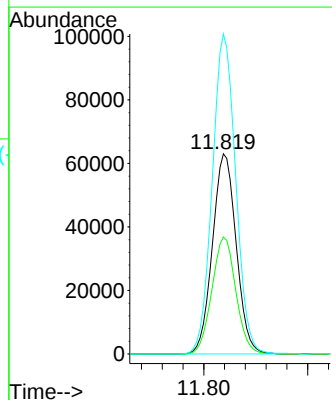
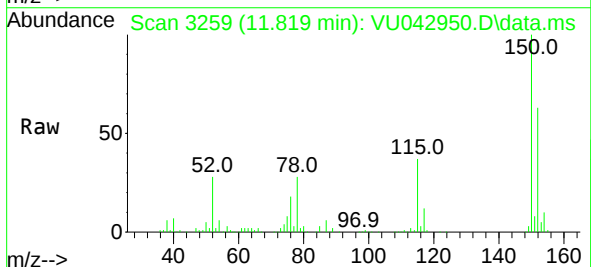
Instrument :
MSVOA_U
ClientSampleId :

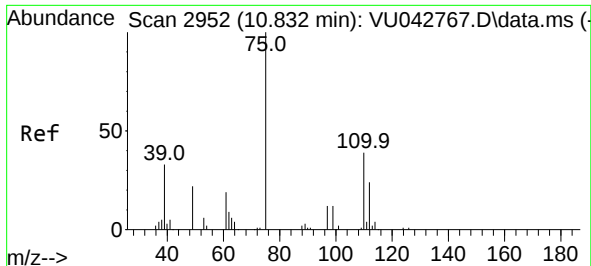
Tgt Ion:117 Resp: 201462
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

Tgt Ion:152 Resp: 100108
Ion Ratio Lower Upper
152 100
115 58.7 41.0 123.0
150 157.5 0.0 341.0

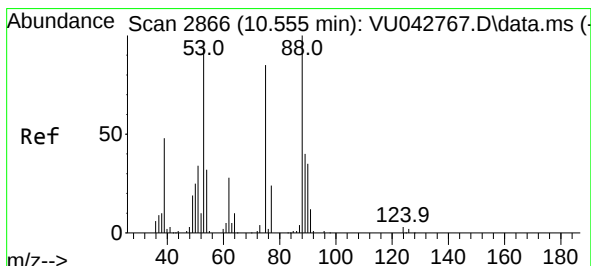
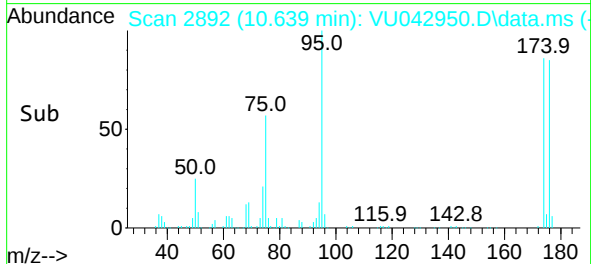
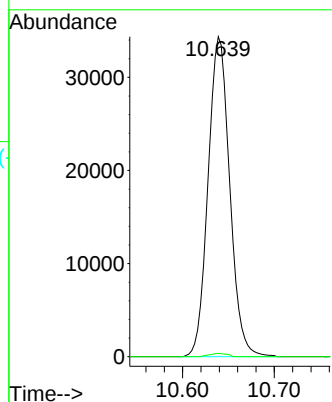
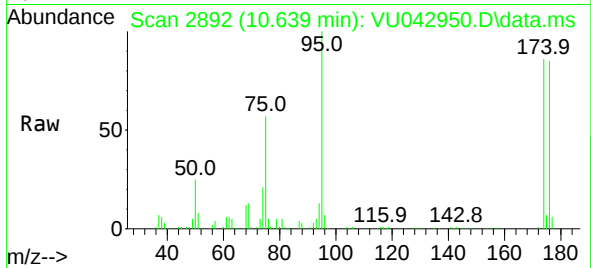




#76
1,2,3-Trichloropropane
Concen: 22.15 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

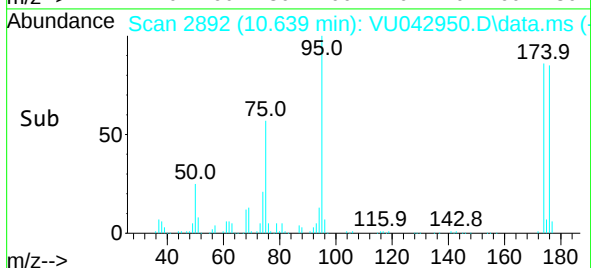
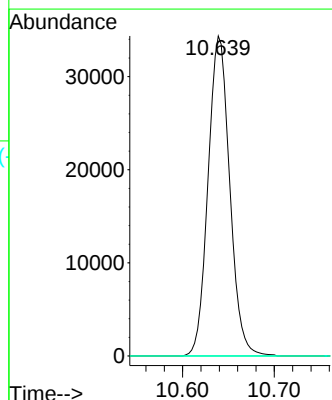
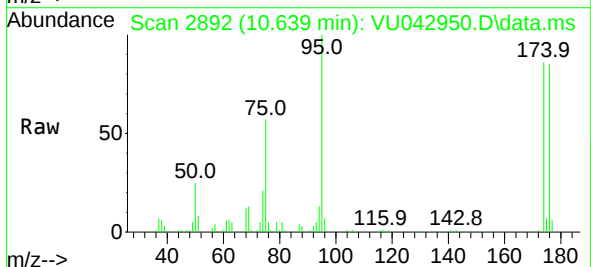
Instrument :
MSVOA_U
ClientSampled :

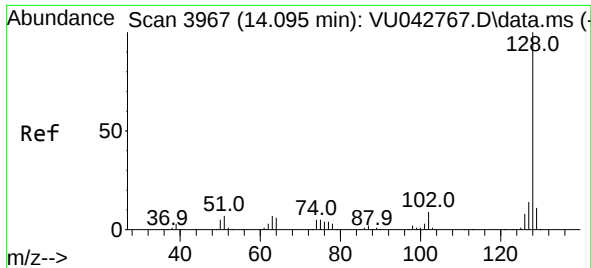
Tgt Ion: 75 Resp: 56403
Ion Ratio Lower Upper
75 100
77 0.8 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.64 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

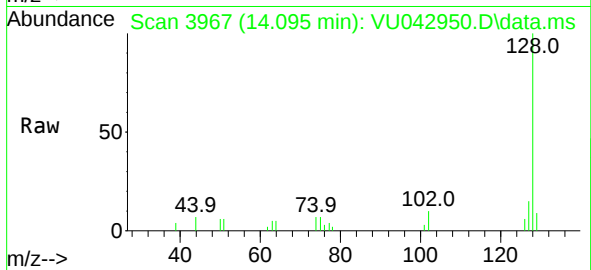
Tgt Ion: 75 Resp: 56403
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 3.68 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042950.D
Acq: 06 Apr 2021 13:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 7890
Ion Ratio Lower Upper
128 100
127 12.9 10.9 16.3
129 8.6 8.7 13.1#

